



Site Update

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*A U.S. Department of Energy
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“notable events, best practices and issues”

- **Mechanical and Controls System Line Item**
 - \$8.962 Million
 - Completed on schedule
- **Infrastructure Contract Performance Measures rated as “*Outstanding*”**
- **Implementation of Mobile Facilities Management Computing System**
 - next generation of computerized maintenance management system.

Argonne National Laboratory Infrastructure Business Plan

By 2010:

- **More than 65% of Argonne's current 4.8 million square feet of facilities will be over 40 years old.**
- **Most of the substandard space will have been removed.**
- **Argonne will have several new facilities:**
 - Center for Nanoscale Materials - 83,000 sq. ft., \$72 million;
 - Theory and Computing Science Building (leased) – 247,000 sq. ft., \$62 million;
 - Sub-Angstrom Microscopy and Microanalysis Laboratory – 7,000 sq. ft., \$4.5 million;
 - Howard T. Ricketts Laboratory for Biodefense and Emerging Infectious Disease Research (U of C facility) 54,000 sq. ft., \$24 million;
 - The eighth and final APS Lab-Office Module - 20,500sq.ft., \$4.25 million.
- **Principal challenges will remain:**
 - Replacing/maintaining laboratory space, including roofs, utilities, and other infrastructure elements as they age.
 - Modernizing laboratory facilities to support state-of-the-art research.
 - Resolving legacy issues, including updating of the Alpha Gamma hot cells (AGHCF).

Strategy for Addressing Challenges (Based on TYSP)

Funding sources:

- Operating funded (Laboratory taxes and rent)
 - *Maintenance Budget - 2% MII*
(~\$28 million/year)
 - *Institutional General Plant Projects (IGPP) – NEW*
(\$2 million/year)
- Direct funded (DOE)
 - *General Plant Projects (GPP)*
(\$5.5 million/year)
 - *Deferred Maintenance Reduction (DMR) Initiative – NEW*
(~\$38 million over 5 years)
 - *Science Laboratories Infrastructure Line Items*
 - \$17 million requested for FY 2007 - no funding anticipated before FY 2009.
 - *Excess Facilities Program*
(\$4 million over 5 years)
- Energy Savings Performance Contracting (\$10 million over 5 years)

Alternative Strategy for Infrastructure (Plan B)

- The plans for modernization of the infrastructure and elimination of the deferred-maintenance backlog will be curtailed, and a triage system will be put in place.
 - Operating funded maintenance budget will be adjusted appropriately to maintain the infrastructure in a safe, secure and reliable manner for the support of the Laboratory's mission.